

# Converting Colors

Hex(A9670A)

Have a look what the booklet for  
Hex(A9670A) contains.

<b>Hex(A9670A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A9670A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9670A
RGB	169, 103, 10
RGB Percent	66%, 40%, 4%
CMY	0.3373, 0.5961, 0.9608
CMYK	0.00, 0.39, 0.94, 0.34
HSL	35°, 89%, 35%
HSV	35°, 94%, 66%
XYZ	21.2672, 18.1574, 2.6710
YIQ	112.1320, 69.1890, -14.9310

# Conversions

## Conversions Part 2

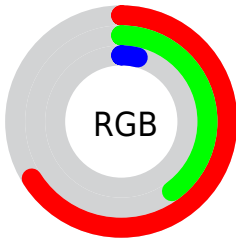
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 169, 10
Decimal	11101962
CIELab	49.69, 20.42, 55.14
CIElCh	50, 58.799, 69.682
Yxy	18.1574, 0.5052, 0.4313
Android (android.graphics.Color)	4289292042 (0xFFA9670A)
YUV	112.1320, -50.3511, 49.8732
Hunter-Lab	42.6115, 14.5184, 26.1116

# Details

The Hex color **A9670A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A4CA9**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E59A44**, and **6F3800** is the 20% darker color. If you saturate the color by 10%, you get **A96300**, and if you desaturate by 10%, it is **A96E1B**.

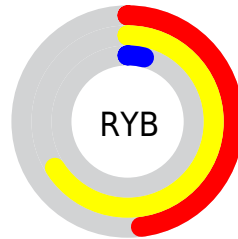
# Distribution



Red (66%)

Green (40%)

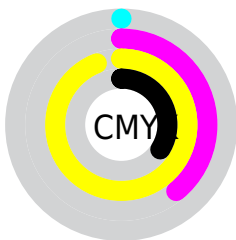
Blue (4%)



Red (48%)

Yellow (66%)

Blue (4%)

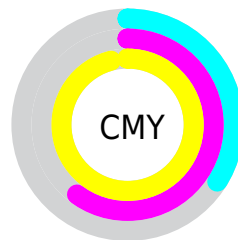


Cyan (0%)

Magenta (39%)

Yellow (94%)

Black (34%)



Cyan (34%)

Magenta (60%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9670A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A9670A by changing the saturation by 10% instead.



 A9670A

 A9670A

FFFFFF

 8C4F00

 E59A44

 6F3800

 FFB55D

 532200

 FFD178

 380C00

 FFED92

 210001

 FFFFAE

 000000

 FFFFCA

 FFFF7E

 A9670A

 A9670A

■ A96300

■ A96E1B

■ A9752C

■ A97C3D

■ A9834E

■ A98A5E

■ A9916F

■ A99880

■ A99F91

■ A9A6A2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C65139



A9670A



7F7900

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A9670A



008D85



8C61C4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A9670A



0A4CA9

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0177D9



A9670A



008CB5

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A9670A



008B51



0085D4



BE4A9A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A9670A



5D810E



0085D4



7369CE



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A9670A



DBC29E



A90A4C



6E5E48



EDEDED



6E6E6E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A9670A



DB8000



9CA90A



54514C



945700



140C00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0A4CA9



005BDB



170AA9



4C4F54



003D94

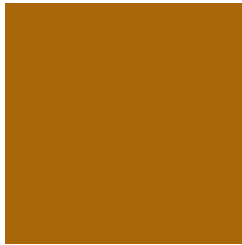


000814



# Previews

## White Background



This preview shows how the Hex color A9670A looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9670A Background



This preview shows how black text looks on a background with the Hex color A9670A.



This preview shows how white text looks on a background with the Hex color A9670A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



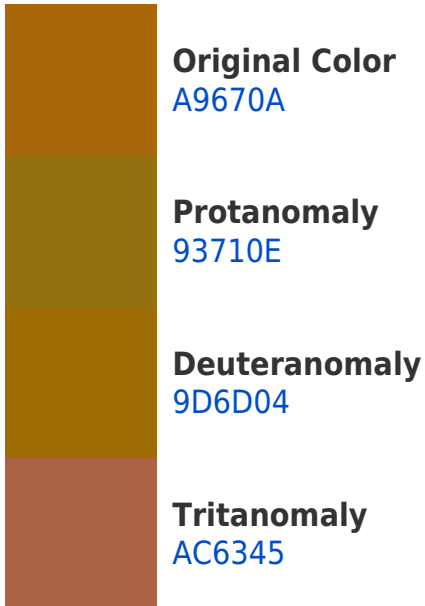
**Original Color**  
A9670A

**Protanopia**  
867710

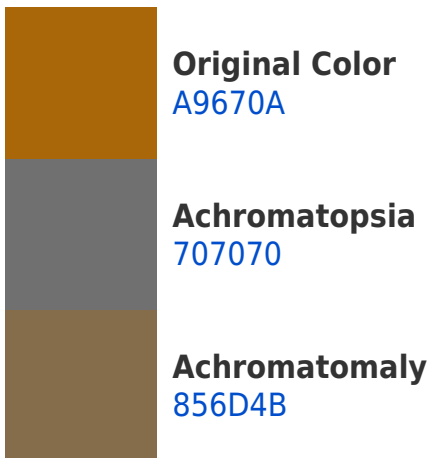
**Deuteranopia**  
967100



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9670A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A9670A looks like.

```
.text, #text, p{  
    color:#A9670A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A9670A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9670A
}
```

## Border

The CSS property to change the border of an element to Hex A9670A is called "border". The border property can be set on classes, ids or directly on the HTML element.

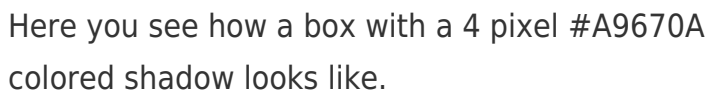
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A9670A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A9670A }
```

If you want to add a box shadow in that color use:

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#A9670A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9670A; -webkit-box-shadow:4px 4px  
4px 4px #A9670A; box-shadow:4px 4px 4px  
4px #A9670A }
```

# Background

The CSS property to change the background color of an element to Hex A9670A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9670A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A9670A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor